

CONDUIT THROUGH WALL SEAL



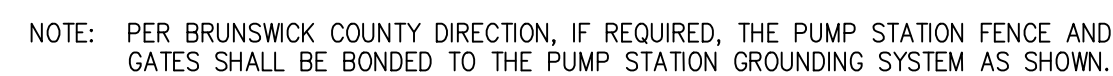
1 REFER TO PS DESIGN MANUAL FOR MINIMUM SYSTEM RESISTANCE.
IF THIS RESISTANCE CANNOT BE MET WITH SINGLE 10'-0" RODS,
ADD ADDITIONAL SECTIONS TO RODS OR ADD NEW RODS AS REQUIRED,
SPACED 6'-0" TO 10'-0" FROM EXISTING RODS.

ELECTRICAL INSTALLATION DETAIL
GROUND ROD ASSEMBLY



ALTERNATIVE SLEEVE INSTALLATION

GROUND CABLE SLEEVE INSTALLATION

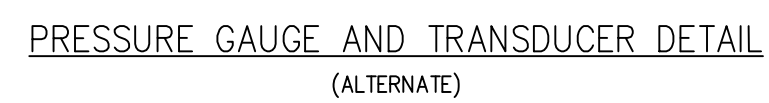


FENCE GROUNDING INSTALLATION DETAIL



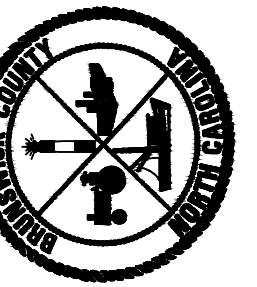
1 IF NOT SPECIFIED OR SHOWN, DEPTH AND REINFORCEMENT SHALL BE DETERMINED BY POLE MANUFACTURER. LOADING SHALL BE DEAD LOAD PLUS 100 MPH WIND, STANDARD EXPOSURE PER STANDARD BUILDING CODE.

AREA LIGHTING FIXTURE MOUNTING



NOTES:

1. PRESSURE TRANSDUCER - WKA IS5-21, 0-200 PSI, OUTPUT 4-20 MA, CABLE LENGTH 100' MINIMUM OR AS REQUIRED TO CONNECT TO SCADA/RTU PANEL WITHOUT SPLICES (PART #52070808)
2. ADAPTOR - TRONIC G 3x3 NPT MALE (PART #2252651)
3. PRESSURE TRANSDUCER CABLE MUST REACH THE SCADA/RTU PANEL WITHOUT SPLICING AND WILL BE INSTALLED IN A 1" DIAMETER, SCH. 80 PVC CONDUIT.
4. TRANSDUCER SHALL ACCOMPANY THE PRESSURE GAUGE AND TRANSDUCER RAIL (ALTERNATE)* AS COMPACTLY AS POSSIBLE INSIDE THE PUMP STATION VALVE VAULT.

COUNTY OF BRUNSWICK

PUMP STATION DETAILS
PUMP STATION LARGER THAN 50 HP
BRUNSWICK COUNTY
NORTH CAROLINA

Date: 04-25-12

Scale: NTS

Drawn By: JDM

Checked By: WLP